

UN-GGIM: Arab States WG3: Geodetic Reference Frame

3rd Committee Meeting
Abu Dhabi, February 23-25, 2016



UN-GGIM

United Nations Initiative on
Global Geospatial Information Management

Positioning geospatial information to address global challenges

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Events

- WG3 formally established in Algiers in June 2015
 - First work plan was initiated
- Geodetic questionnaire prepared and circulated among Member States in 2015
- Answers (not complete ?) were collected and analyzed
- Preparatory meeting held in Riyadh, in November, 2015
 - Participants: Algeria, Saudi Arabia & Zuheir Altamimi
 - Review of activities and results of the questionnaire
 - High-level work plan was initiated, and revised during this meeting



Key points & recommendations: part of the meeting report

- **II. Start establishing the ARABREF structure (1/2):**
 - Recommend to start with GNSS data analysis
 - Need commitments from Arab States to share GNSS data of a subset of stations (Reference Frame stations) of each country.
 - National coordination within each country to select the RF stations
 - WG3 to propose a recommendation to the Committee to establish a mechanism to help countries in need of CORS stations
 - Arab States in need of CORS to identify themselves
 - Prepare for a common Internal Agreement between Arab States. The WG3 Co-Chairs will prepare a draft of such an agreement to be discussed/approved at the 3rd meeting of the UN-GGIM-AS Committee.
 - WG3: organize training schools in geodesy: Data analysis, Reference Frames, etc.



Key points & recommendations: part of the meeting report

- **II. Start establishing the ARABREF structure (2/2):**
 - Answers to the original geodetic questionnaire due by end of March
 - Answers to the GNSS network questionnaire due by end of March
 - Analysis of the questionnaire answers by end of May
 - **Feedback on the Agreement content due by end of March**
 - **WG3 Chair to prepare a new version of the Agreement, by early May**
 - **Need to establish at least 2 Data Centers to archive GNSS RINEX files and metadata.**
 - **Need to establish at least 3 Analysis Centers**
 - **WG3 Co-chairs to prepare and circulate the CfP for DC & AC within the members by end of March 2016**
 - **Proposals for DC & AC, due by end of April, 2016**
 - **Proposal analysis by end of May**
 - **WG3 preparatory meeting by early November, 2016 (location TBD) :**
 - Selection of GNSS reference frame stations in the Arab countries
 - Selection of DC & AC
 - Approval of the Agreement
 - **Final Approval of the Proposals at the 4th meeting**

